

What is claimed is:

1. An optical-controlled and voice-controlled optical fiber skipping-rope,
including a voice-controlled constructional body and an optical-controlled
5 constructional body;

—Voice-controlled structure: consists of an upper cover and a lower cover ;
while the upper cover is equipped in its center with a press hole, whose side
face is equipped with multiple voice hole; besides, the lower cover is
10 equipped with anterior and posterior locking holes, the connection part of its
upper cover and lower cover is equipped with a button, an integrated circuit
board, a fixing sleeve head, an illuminant and a double cell, wherein, the
fixed seat of the button is placed on the integrated circuit board;

15 —Optical-controlled structure: consists of upper cover and lower cover ,
wherein, the upper cover is equipped in its center with a press hole, the
lower cover is equipped with anterior and posterior locking holes; while the
connection part of upper cover and lower cover is equipped with a button, an
integrated circuit board, a fixing sleeve head, an illuminant and a double
20 cell, wherein, the fixed seat of the button is placed on the integrated circuit
board;

—luminescence constructional body

The product of this invention is formed by the mutual connection of
the voice-controlled structure, optical-controlled structure & plastic optical
25 fiber structure, having the features of practicability, security, warning,
aesthetics & amusement.

2. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the integrated circuit board is equipped thereon with a buzzer and music chip to serve for music control.

5 3. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the fixing foot of the fixing sleeve head of the voice-controlled structure is placed on the integrated circuit board; while the fixing sleeve head is also covering the illuminant.

10 4. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the neck formed by the front end of the closing of upper cover and under cover of the voice-controlled structure is covering the tapered sleeve head and is connecting with the luminescence constructional body.

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5. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the integrated circuit board is equipped thereon with an optical-controlled chip to serve for optical fiber optical- control.

20 6. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the fixing foot of the fixing sleeve head of the optical-controlled structure is placed on the integrated circuit board; while the fixing sleeve head is also covering the illuminant.

25 7. An optical-controlled and voice-controlled optical fiber skipping- rope to claim 1, wherein the neck formed by the front end of the closing of upper cover and lower cover of the optical-controlled structure is covering the

tapered sleeve head and is connecting with the luminescence constructional body.

8. An optical-controlled and voice-controlled optical fiber skipping-rope to
5 claim 1, wherein the luminescence constructional body that optical plastic
fiber and light-emitting diode and lamp and luminescence pharmaceutical
preparation constructional body.

9. An optical-controlled and voice-controlled optical fiber skipping-rope to
10 claim 1, wherein optical fiber skipping-rope has single-control and
double-control.

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